

TENNESSEE AIR POLLUTION CONTROL BOARD
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243-1531

JUL 21 2008

Knowville



OPERATING PERMIT Issued Pursuant to Tennessee Air Quality Act

Date Issued: July 16, 2008

Permit Number:

062064P

Date Expires: January 1, 2019

Issued To:

Intex Enterprises, LLC

Installation Address:

193 Frank L. Diggs Lane
Clinton

Installation Description:

Post Curing Painting Process

Dip Coating Operation #2 and Curing Oven

Two Spray Booths and Curing Oven

Emission Source Reference No.

01-0177-03

The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations.

CONDITIONS:

1. The application that was utilized in the preparation of this permit is dated June 5, 2008 and is signed by Alan Ross Crawford, Plant Engineer for the permitted facility. If this person terminates employment or is assigned different duties and is no longer the responsible person to represent and bind the facility in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification shall be in writing and submitted within thirty (30) days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the facility in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the facility until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

(conditions continued on next page)

TECHNICAL SECRETARY

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

NON-TRANSFERABLE

POST AT INSTALLATION ADDRESS

2. Particulate matter emitted from this source shall not exceed 0.02 grains per dry standard cubic foot (0.77 pound per hour). The facility addressed minor source BACT for PM 2.5 for this source. Control measures consist of operator training specifically related to minimizing emission; use of robotic spray where possible; and regular maintenance of the filter system to ensure optimal collection efficiency.

This emission limitation is established pursuant to Rules 1200-3-7-.04(1) and 1200-3-7-.01(5) of the Tennessee Air Pollution Control Regulations and the information contained in the construction permit application dated March 3, 2008 and letter dated July 24, 2007 from the permittee.

3. Sulfur dioxide emitted from this source shall not exceed 1 pound per hour.

This emission limitation is established pursuant to Rule 1200-3-14-.01(3) of the Tennessee Air Pollution Control Regulations and the information contained in the construction permit application dated March 3, 2008 and letter dated July 24, 2007 from the permittee.

4. Natural gas or propane only shall be used as fuel(s) for this source.
5. Volatile organic compounds (VOC) emitted from this source shall not exceed 33.67 tons during any period of twelve (12) consecutive months. The facility addressed minor source BACT for VOC for this source. The use of low volatile organic compounds (VOC) coating used in the spray booths shall not exceed 4.33 pounds of VOC per gallon of coating as applied maximum and the use of low volatile organic compounds (VOC) coating used in dip coating shall not exceed 0.55 pounds of VOC per gallon of coating as applied maximum. The facility shall start implementation of a closed container policy and operator training specifically related to minimizing emissions. The facility shall use robotic spray where possible and collection of clean-up solvents and wiping rags for appropriate disposal.
6. Emissions of any single hazardous air pollutant (HAP) and any combination of hazardous air pollutant (HAP) listed in Section 112 of the Federal Clean Air Act shall not exceed 9.9 and 24.9 tons, respectively during all intervals of 12 consecutive months from the entire facility including all insignificant and exempt sources. In the event that the emission rates from the entire facility exceed these limits, the permittee shall provide written notification of the exceedance(s) to the Technical Secretary within fifteen (15) days from the date of discovery.
7. Visible emissions from this source shall not exhibit greater than twenty percent (20%) opacity, except for one (1) six-minute period in any one (1) hour period, and for no more than four (4) six-minute periods in any twenty-four (24) hour period. Visible emissions from this source shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average). TAPCR 1200-3-5-.03(6) and TAPCR 1200-3-5-.01(1)
8. The as-supplied VOC content of all VOC-containing materials to be used by this new source shall be determined as follows:

All Coatings, Inks, Adhesives, Thinners, and Solvents - from Material Safety Data Sheets (MSDS) or manufacturer or vendor formulation data which explicitly list the VOC content by weight.

The results of these determinations shall be compiled in the following tabular format or an alternative format which readily provides the same required information. This table, along with MSDS or other supporting documentation for each material to be used, shall be maintained at the source location and made available for inspection by the Technical Secretary or his representative, beginning within 180 days of initial start-up. If new materials are used, or if material formulation is changed, the table shall be updated within 90 days from the initial date of usage of the new or altered material.

Process Material Description	Material Density (lb/gal)	VOC Content (lb/gal)
Material #1		
Material #2		
etc.		

9. The permittee shall calculate the actual quantities of VOC and HAPs emitted from this facility during each calendar month and maintain records of these emissions in a form that readily shows compliance with Conditions 5 and 6 of this permit. (See example below) This log must be maintained at the source location and kept available for inspection by the Technical Secretary or his representative. This log must be retained for a period of not less than two (2) years.

Process Material	Usage (gal/mo)	VOC Content (lb/gal)	VOC Emitted (ton/mo)	HAP #1 Content (lb/gal)	HAP #1 Emitted (ton/mo)	HAP #2 Content (lb/gal)	HAP #2 Emitted (ton/mo)	Total HAP Content (lb/gal)	Total HAPs Emitted (ton/mo)
Coating #1									
Coating #2									
etc.									
Thinners									
Clean-up Solvents									
Totals:									

10. The permittee shall apply for renewal of this permit not less than sixty (60) days Prior to the permit's expiration date Pursuant to Division Rule 1200-3-9-.02(3).

(End of conditions)

